

Quadrion 96

original Trion by F van Sant

Converted from 72 to 96 index by Henk Prins 2014

Angles for R.I. = 1.760

69 + 12 girdles = 81 facets

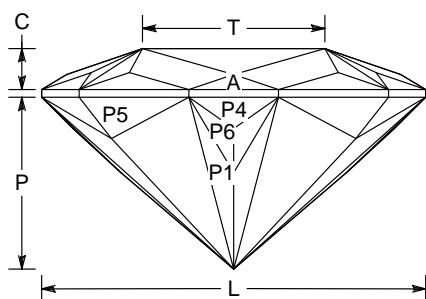
4-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.475$ $U/W = 0.475$

$P/W = 0.446$ $C/W = 0.107$

$Vol./W^3 = 0.205$



PAVILION

P1	41.00°	03-04-20-21- 27-28-44-45- 51-52-68-69- 75-76-92-93	cut to centrepoint
P2	90.00°	96-24-48-72	set size
P3	90.00°	05-19-29-43- 53-67-77-91	meet P1-P2
P4	45.00°	96-24-48-72	meet P1-P2-P3, create level girdle
P5	45.00°	05-19-29-43- 53-67-77-91	level girdle
P6	42.50°	01-23-25-47- 49-71-73-95	meet P1-P4

CROWN

A	31.25°	96-24-48-72	set girdle width
B	31.25°	05-19-29-43- 53-67-77-91	level girdle
C	24.50°	03-21-27-45- 51-69-75-93	meet A-B at girdle
D	18.79°	96-24-48-72	meet C-A-C
E	25.26°	08-16-32-40- 56-64-80-88	meet B-B at girdle
T	0.00°	Table	meet D-C-E